

Air Emission Event Reporting Data

Texas Commission on Environmental Quality

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Regulated entity name	SHELL OIL DEER PARK	Physical location	
Regulated entity RN number	RN100211879	City, County	DEER PARK, HARRIS
Type(s) of air emissions event:	EMISSIONS EVENT	Event began:	12/02/2017 5:10AM
This is based on the:	FINAL REPORT	Event ended:	12/02/2017 7:55AM
Cause	<p>On 12/2/2017 at approximately 5:10AM, there was a release to the relief drum (V-87106) in Phenol 3 resulting from a failed pressure valve. The cause of this incident is associated with STEERS 273347. Venting occurred for a total of 4 hours and 45 minutes between 5:10AM on 12/2/2017 and 2:38PM on 12/3/2017. The estimated emissions from this event are as follows: Cumene – 30,068 lbs, Cumene Hydroperoxide – 1,140 lbs. Shell is not aware of any confirming information that would indicate that the affirmative defense criteria could not be met for this emission event. However, because the investigation of the emission event has not yet been completed, Shell's "YES" response to the affirmative defense question below may not represent a final response for determining application of the affirmative defense. The indicated response to the question was required for purposes of completing and submitting this final report in a timely manner. Additional information regarding the basis for Shell's response to the affirmative defense question may be provided upon request when available.</p>		

Action taken	The failed pressure PV-7320 was repaired.
Emissions estimation method	Process Data and engineering estimates.

Source 1: Phenol 3 , FIN number

Source 2: V-87106 , EPN number N/A

Contaminant	Authorization	Limit	Amount Released
Cumene	No Authorization - NSR 3179	0.0	30068.0 lbs (est.)
Cumene hydroperoxide	No Authorization - NSR 3179	0.0	1140.0 lbs (est.)

Source 3: V-87106 , FIN number N/A

No other sources

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